

What is claimed is:

- 1) A system for capping at least one well pipe having at least one upper opening and at least one interior portion containing at least one controllable apparatus, the at least one controllable apparatus controlled by at least one local controller device, said system comprising:
  - a) well capping means for capping the at least one well pipe;
  - b) wherein said well capping means comprises
    - i) closure means for substantially closing the at least one upper opening,
    - ii) protective cover means for protectively covering the at least one local controller device, and
    - iii) support means for supporting the at least one local controller device within said protective cover means.
- 2) A system for capping at least one well pipe having at least one upper opening and at least one interior portion containing at least one controllable apparatus, the at least one controllable apparatus controlled by at least one local controller device, said system comprising:
  - a) at least one well cap to cap the at least one well pipe;
  - b) wherein said at least one well cap comprises
    - i) at least one closure adapted to substantially close the at least one upper opening,
    - ii) at least one protective cover adapted to protectively cover the at least one local controller device, and
    - iii) at least one support to support the at least one local controller device within said at least one protective cover.
- 3) The system according to Claim 2 wherein said at least one well cap is supportable by the at least one well pipe.
- 4) The system according to Claim 2 wherein said at least one closure comprises at least one mount adapted to mount said at least one closure to the at least one well pipe.

- 5) The system according to Claim 4 wherein:
  - a) said at least one mount comprises at least one size-adapter to adapt said at least one closure to at least two such well pipes having different sizes; and
  - b) said at least one size-adapter comprises at least one first one and at least one second one of said at least one mounts, said at least one first one being adapted to fit at least one such well pipe having a first size, and said at least one second one being adapted to fit at least one such well pipe having a second size different from said first size.
- 6) The system according to Claim 5 wherein said at least one size-adapter is adapted to fit said at least one closure to such at least one well pipe having a nominal diameter of five-inches.
- 7) The system according to Claim 5 wherein said at least one size-adapter is adapted to fit said at least one closure to such at least one well pipe having a nominal diameter of six-inches.
- 8) The system according to Claim 5 wherein said at least one size-adapter is adapted to fit said at least one closure to such at least one well pipe having an outer diameter of about seven inches.
- 9) The system according to Claim 5 wherein said at least one size-adapter is adapted to fit said at least one closure to such at least one well pipe having a nominal diameter of eight-inches.
- 10) The system according to Claim 5 wherein:
  - a) said at least one closure further comprises an essentially planar member having at least one first face, at least one second face, and a peripheral edge;
  - b) said at least one mount comprises at least one collar projecting outwardly from said at least one second face; and
  - c) said at least one collar is adapted to engage at least one portion of the at least one well pipe.
- 11) The system according to Claim 10 wherein said at least one closure comprises a nested arrangement of at least two of said at least one collars.

- 12) The system according to Claim 10 wherein said at least one protective cover comprises:
  - a) at least one peripheral wall;
  - b) wherein said at least one peripheral wall defines at least one hollow cavity adapted to contain the at least one local controller device; and
  - c) wherein said at least one peripheral wall comprises at least one access opening, having at least one inner peripheral edge, to permit access to said at least one hollow cavity.
- 13) The system according to Claim 12 wherein said at least one well cap further comprises at least one electrical passage structured and arranged to assist passing of at least one electrical conductor from within said at least one hollow cavity to at least one point external to said at least one hollow cavity.
- 14) The system according to Claim 13 wherein said at least one electrical passage comprises at least one threaded aperture.
- 15) The system according to Claim 2 wherein said at least one well cap further comprises:
  - a) at least one vent to provide atmospheric venting between the at least one interior portion of the at least one well pipe and at least one environment exterior to the at least one interior portion of the at least one well pipe;
  - b) wherein said at least one vent comprises at least one channel to channel vented atmosphere from the at least one interior portion; and
  - c) wherein said at least one channel comprises at least one isolator structured and arranged to isolate the atmospheric venting from the at least one local controller device.

- 16) The system according to Claim 12 further comprising:
  - a) at least one first interlocker; and
  - b) at least one second interlocker;
  - c) wherein said at least one second interlocker is adapted to interlock with said at least one first interlocker;
  - d) wherein said at least one first interlocker comprises said at least one closure;
  - e) wherein said at least one second interlocker comprises said at least one protective cover; and
  - f) wherein interlocking of said at least one first interlocker and said at least one second interlocker provides a removable retention to removably retain said at least one protective cover to said at least one closure .
- 17) The system according to Claim 16 wherein:
  - a) said at least one protective cover further comprises at least one first aperture adapted to pass at least one portion of at least one padlock shackle;
  - b) said at least one closure further comprises at least one second aperture to pass the at least one portion of the at least one padlock shackle; and
  - c) such removable retention of said at least one protective cover adjacent said at least one closure by such interlocking permits at least one position of alignment between said at least one first aperture and said at least one second aperture to permit passage of the at least one portion of the at least one padlock shackle through both said at least one first aperture and said at least one second aperture.
- 18) The system according to Claim 16 wherein said at least one peripheral wall comprises at least one data transfer port to permit at least one transfer of data between the at least one local controlling device within said at least one hollow cavity and at least one data transfer device external to said at least one well cap.
- 19) The system according to Claim 18 wherein:
  - a) said at least one data transfer port comprises said at least one peripheral wall;
  - b) said at least one transparent portion is structured and arranged to provide at least one signal view of at least one portion of the at least one local controller device even when said at least one protective cover is removably retained on said at least one closure.

- 20) The system according to Claim 16 wherein:
  - a) said at least one first interlocker comprises at least one peripheral notch formed within said at least one peripheral edge of said at least one closure;
  - b) said at least one second interlocker comprises at least one tab projecting from said at least one inner peripheral edge of said at least one protective cover;
  - c) said at least one peripheral notch is adapted to permit said at least one tab to pass through said at least one closure from a position adjacent said at least one first face to a position adjacent said at least one second face; and
  - d) at least one rotation of said at least one protective cover relative to said at least one closure, while said at least one tab is in the position adjacent said at least one second face, removably retains said at least one protective cover on said at least one base member.
- 21) The system according to Claim 2 wherein said at least one well cap substantially comprises at least one thermoplastic material.
- 22) A system, for supplying a flow of water from at least one well having at least one well pipe, at least one upper well pipe opening and at least one pipe interior to at least one structure having a pressurized water supply, said system comprising, in combination:
  - a) at least one pump to pump water from the at least one pipe interior;
  - b) at least one local controller to control said at least one pump; and
  - c) at least one well cap, comprising at least one internal hollow, to cap the at least one upper well pipe opening;
  - d) wherein said at least one local controller is located essentially within said at least one internal hollow of said at least one well cap.
- 23) The system according to Claim 22 wherein said at least one local controller comprises at least one local pressure sensor adapted to monitor the pressure of the flow of water delivered from said at least one pump.
- 24) The system according to Claim 23 further comprising such at least one well having at least one well pipe.
- 25) The system according to Claim 24 wherein said at least one local pressure sensor is located within said at least one well pipe of said at least one well.

- 26) The system according to Claim 25 further comprising at least one water transferor to transfer the flow of water from said at least one well to the at least one structure having at least one pressurized water supply.
- 27) The system according to Claim 26 further comprising such at least one structure having at least one pressurized water supply.
- 28) The system according to Claim 24 wherein said at least one well and said at least one local controller are structured and arranged to permit maintenance of said system without entry into the at least one structure.
- 29) The system according to Claim 24 wherein said at least one local controller comprises the sole controller of said at least one pump within said system.